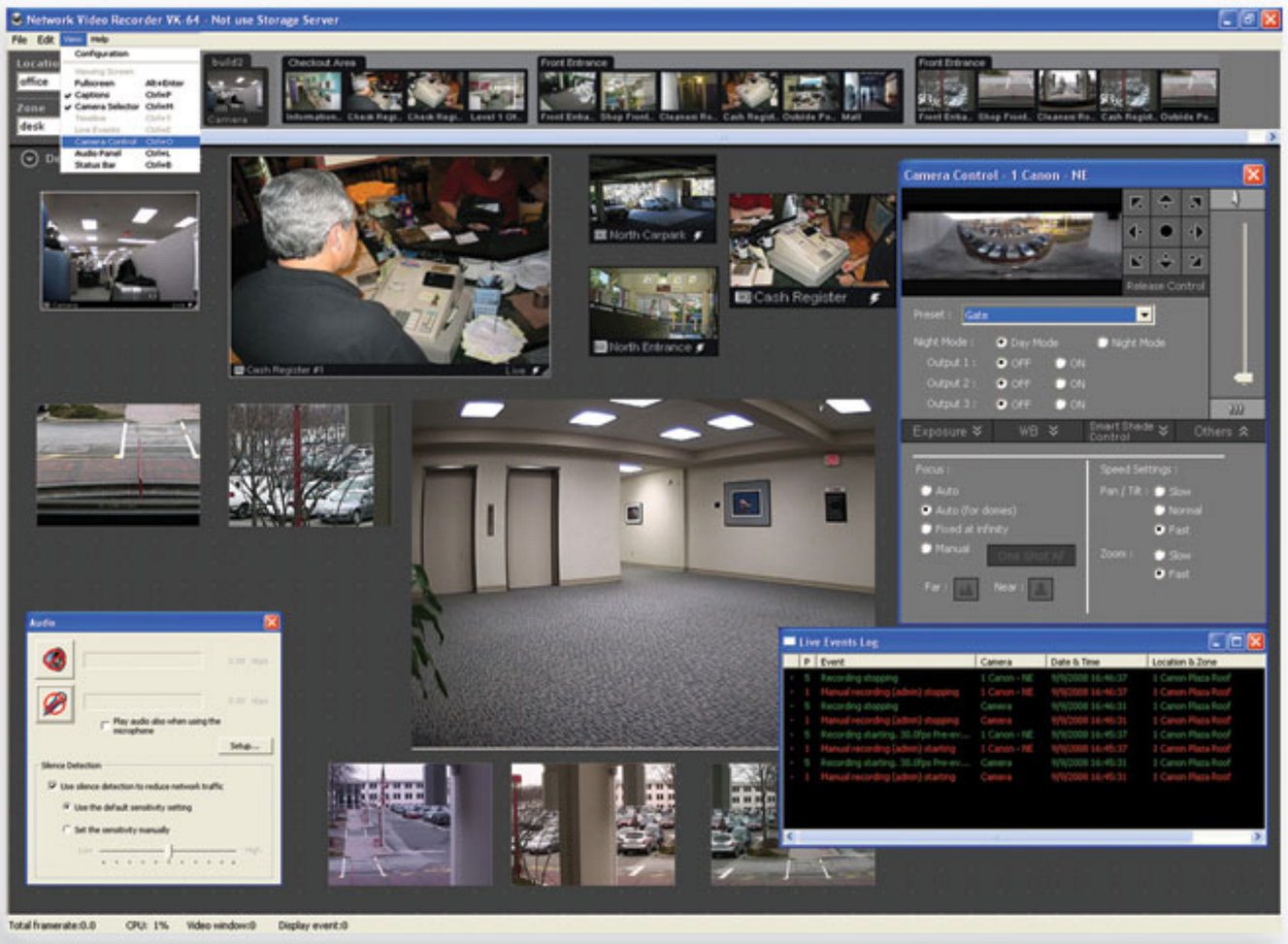
Canon

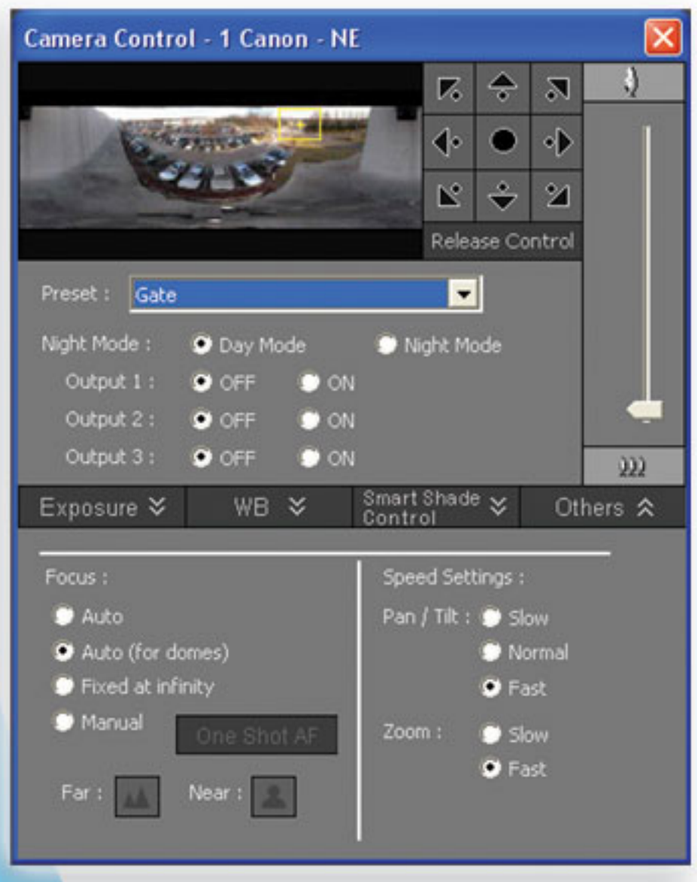
VK-64 / VK-16

NETWORK CAMERA MONITORING AND RECORDING SOFTWARE VERSION 2.0



CANON NETWORK CAMERAS
(cameras sold seperately)

VB-C300 VB-C60 VB-C50i VB-C50FSi



The VK Software's Camera Control gives you an array of choices such as Exposure White Balance and Smart Shade Control.

VK VIEWER

- Offers the flexibility to create different layouts, automatically switch between different layouts, and set the priority of each layout for faster monitoring.
- View video in full-screen size.
- Control the network camera's back-light compensation, night mode, and shade correction.
- Manually capture still frame jpeg images and record 1 minute of video.
- Can access up to 10 storage servers providing connection to a maximum of 192 Canon network cameras.

CAMERA CONTROLS

- Camera Control gives the user an array of choices such as Exposure and White Balance, Audio Panel and a Status bar which displays Total Frame Rate, CPU, Video Window, and Display Event.
- Audio Panel allows for bi-directional audio communication between the monitoring station and camera sites.

VK STORAGE SERVER

- Record video in either M-JPEG or MPEG-4 format.
- 640 x 480 resolution @ up to 30 frames per second.
- Record up to 30 seconds of Pre-Events and 999 seconds of Post Events.
- Audio Recording and Playback: record or play back audio at the camera site.
- Record through a variety of methods such as Continuous, Scheduled (Normal and Special), on Sensor Triggers, and Motion Detection.
- Video can be recorded based on customized triggers from third party software. (i.e. access control systems).
- View live and recorded video(s) on the same screen.

EXTRACTING VIDEO

- Recorded video can be exported into a separate video file for e-mailing or viewing on another computer.
- Video can be extracted through the Live Events window by simply inputting the date and time. Video files are extracted with date stamp information and saved as a Quicktime file.

NETWORK VIDEO GROWTH AND EXPANSION

- VK-64 software can connect and record video from up to 64 Canon network cameras.
- VK-16 software can connect and record video from up to 16 Canon network cameras.
- There is NO LICENSE PER CAMERA!

VK-64 / VK-16

NETWORK CAMERA MONITORING AND RECORDING SOFTWARE VERSION 2.0

PRODUCT NAME	VK-64 Software
ITEM CODE	3099B001
UPC CODE	013803097184

PRODUCT NAME	VK-16 Software
ITEM CODE	3099B002
UPC CODE	013803097146

PRODUCT NAME	VK-Viewer (1) license
ITEM CODE	3099B003
UPC CODE	013803097160

PRODUCT NAME	VK-Viewer (5) license
ITEM CODE	3099B004
UPC CODE	013803097177

Minimum Requirements for VK Viewer :

VK-64 / VK-16 Ver 2.0 VK Viewer	Minimum Operating Environment
CPU	Pentium 4, 2.2 GHz or faster (Pentium4 3.4GHz or higher when using MPEG-4)
Operating System	Windows XP Professional (SP2, SP3) Windows Server 2003 Standard Edition (SP2) Windows Server 2003 R2 Standard Edition (SP2) Windows Vista Business/Enterprise/ Ultimate (SP1)
Memory	1GB or more
Hard Disk	2GB or more
Display	1024 x 768 or higher resolution is recommended 16 bit color or higher is recommended. A high performane video card is recommended. Use PCI video cards may be reduce performance.
Sound	Audio Playback support is necessary for event notification alert sounds.

* Only 32-bit Edition of Windows XP and Windows Server 2003 are supported.
* 32-bit Edition/64-bit Edition of Windows Vista are supported.

Minimum Requirements for VK Storage Server:

VK-64 / VK-16 Ver 2.0 Storage Server	Minimum Operating Environment
CPU	Pentium 4, 2.2 GHz or faster (Pentium4 3.4GHz or higher when using MPEG-4)
Operating System	Windows XP Professional (SP2, SP3) Windows Server 2003 Standard Edition (SP2) Windows Server 2003 R2 Standard Edition (SP2) Windows Vista Business/Enterprise/ Ultimate (SP1)
Memory	1GB RAM or more For more than 48 Camera Servers 1.5GB or more required.
Hard Disk	20GB HDD or more, SCSI or IDE, NTFS formatted

* The requirements for Storage Server will vary due to the operating environment (number of Camera Servers, setting of recording frame rate etc.). It is also dependent on pre-event recording settings. Please contact dealers that handle Canon products for further information.
* Only 32-bit Edition of Windows XP and Windows Server 2003 are supported.
* 32-bit Edition/64-bit Edition of Windows Vista is supported.

Frame Size with VB-C60* (MPEG-4)

Quality	Resolution					
	10fps		15fps		30fps	
	MPEG-4 Medium (320x240)	MPEG-4 Large (640x480)	MPEG-4 Medium (320x240)	MPEG-4 Large (640x480)	MPEG-4 Medium (320x240)	MPEG-4 Large (640x480)
1	0.28	0.76	0.35	0.94	0.54	1.43
2	0.39	1.08	0.50	1.30	0.78	2.02
3	0.60	1.67	0.75	2.02	1.20	3.31
4	0.69	1.93	0.91	2.43	1.38	3.98
5	0.81	2.31	1.05	2.87	1.68	4.86

(Mbps)

Frame Size with VB-C60* (M-JPEG)

Quality	Resolution		
	JPEG Small (160x120)	JPEG Medium (320x240)	JPEG Large (640x480)
1	4.0	13.0	40.7
2	4.6	15.3	47.1
3	5.2	17.4	53.2
4	6.8	22.9	69.4
5	18.5	65.2	210.5

(KB)

Frame Size with VB-C300* (M-JPEG)

Quality	Resolution		
	JPEG Small (160x120)	JPEG Medium (320x240)	JPEG Large (640x480)
1	4.0	12.5	36.0
2	4.6	14.8	42.4
3	5.2	16.8	47.5
4	6.8	22.3	62.9
5	18.9	65.5	206.0

(KB)

Frame Size with VB-C50i Series* (M-JPEG)

Quality	Resolution		
	JPEG Small (160x120)	JPEG Medium (320x240)	JPEG Large (640x480)
30	4.0	12.4	39.4
40	4.7	14.8	46.2
50	5.3	16.7	51.7
60	6.0	18.9	58.4
70	7.0	22.3	68.2
80	8.6	27.5	84.5
90	11.9	38.7	124.8

(KB)

* For the above figures please note that the bandwidth is calculated as 1000Kbps = 1Mbps, and the disk size as 1024KB = 1MB.

NOTICE ABOUT THE MPEG-4 VISUAL STANDARD: THIS PRODUCT IS LICENSED UNDER THE MPEG-4 VISUAL PATENT PORTFOLIO LICENSE FOR THE PERSONAL AND NON-COMMERCIAL USE OF A CONSUMER TO (i) ENCODING VIDEO IN COMPLIANCE WITH THE MPEG-4 VISUAL STANDARD ("MPEG-4 VIDEO") AND/OR (ii) DECODING MPEG-4 VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NON-COMMERCIAL ACTIVITY. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION INCLUDING THAT RELATING TO PROMOTIONAL, INTERNAL AND COMMERCIAL USES AND ADDITIONAL LICENSING MAY BE OBTAINED FROM MPEG LA, LLC. SEE HTTP://WWW.MPEGLA.COM.

Specifications are subject to change without notice. Weight and dimensions are approximate. Canon and IMAGEANYWARE are registered trademarks of Canon Inc. in the United States and may also be a registered trademark in other countries. Microsoft and Windows are either registered trademarks or trademarks of the Microsoft Corporation in the United States and/or other countries. Other names and products not mentioned above maybe registered trademarks or trademarks of their respective companies. Error and omissions expected. Images simulated.
Warning: Unauthorized recording of copyrighted materials may infringe on the rights of copyright owners and be contrary to copyright laws ©2008 Canon U.S.A., INC. Errors and omissions excepted. Weight and dimensions are approximate. Specifications subject to change with out notice. Projected images simulated.

usa.canon.com/ipcameras

Canon

imageANYWARE

1-800-OK-CANON
www.usa.canon.com

Canon U.S.A., Inc.
One Canon Plaza
Lake Success, NY 11042 U.S.A.

Canon Canada, Inc.
6390 Dixie Road
Mississauga, Ontario L5T 1P7 Canada